## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5,777,372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/22 16:07
_2	2	"20050029095"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:03
L3	6	microelectrode with circular with area	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:06
_4	49513	downhole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
_5	456	downhole with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
<u>-</u> 6	7	15 and microelectrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
.7	0	semiconductor with curcular with diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13
_8	0	semiconductor and (curcular with diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13

L9	0	semiconductor and (curcular and diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13
L10	0	semiconductor and curcular and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L11	16311	semiconductor and circular and diamond	US-PGPUB; USPAT; EPO; UPO; DERWENT	OR	ON	2011/08/22 17:14
L12	1244	semiconductor and (circular with diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L13	59	semiconductor with circular with diamond	US-PGPUB; USPAT; EPO; UPO; DERWENT	OR	ON	2011/08/22 17:14
L14	0	semiconductor with circular with diamond with tip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:16
_15	1	semiconductor with circular with diamond with (pin or tip or projection)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:16
L16	1	"10567028"	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:22
L17	61545	semiconductor with multiple	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:05
L18	4027	semiconductor with multiple with connected	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:06

L19	221	chain adj semiconductors	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:06
L20	1	semiconductors with connected adj in adj parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:08
L21	1	semiconductor with connected adj in adj parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L22	19870	semiconductor with connected with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L23	375	multiple with semiconductor with connected with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L24	2082	semiconductor adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:14
L25	3	semiconductor adj array with diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:14
L26	2438	CMOS adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17
L27	0	CMOS adj array with biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17
L28	97	CMOS adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17

L29	0	mis adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:19
L30	28	fet adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:19
L31	3409	204/400,415,418,418.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:42
L32	176	l31 AND diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:42
L34	899	(Pickles with Charles with Simon with James).in. or (Hall with clive with Edward).in. or (Jiang with Li).in. or (Perkins with Neil).in. or (Kleijhorst with Richard).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:44
L35	142	l34 and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:44
S1	0	204/415,418,416	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S2	2506	204/415,418,416.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S3	1305	S2 and (selectiv\$3 or sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S4	1403	S2 and (selectiv\$3 or sensitiv\$3 with membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30

S5	1163	S3 and @py<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:31
S6	1280	\$2 and (selectiv\$3 and\ sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S7	142	S2 and (selectiv\$3 and sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S8	131	S7 and @py<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S9	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:17
S10	2	("6599841").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 16:43
S11	0	conducting with nonconducting with layer with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S12	0	conducting with non-conducting with layer with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S13	0	conducting with non-conducting with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S14	0	conducting with non-conducting with etching with ((rabbit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49

S15	0	conducting with non-conducting with etching with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S16	7941	layer with etching with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
517	16075	layer with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S18	0	conducting with non-conducting with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S19	45	diamond with layer with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S20	4	("3921022").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 16:59
521	2	("6126845").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 17:02
S22	0	diamond with layer with etch\$5 with ((rabbit with ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07
523	0	diamond with layer with etch\$5 with ((ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07
S24	16	layer with etch\$5 with ((rabbit with ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07

S25	3256	204/400,415,418,418.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 18:08
S26	48	\$25 and (diamond and microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 18:09
S27	2	"20050029095"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 17:48
S28	3	"20050029125"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 17:49
S29	8225	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:17
S30	771	(charles with pickles).in. or (clive with hall).in. or (li with jiang).in. or (richrd with kleijhorst).in. or (neil with pekrins).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S31	19	S30 and (diamond with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S32	116	S29 and (diamond with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S38	3639	204/415,418,416,294.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:38
S39	875	(charles with pickles).in. or (clive with hall).in. or (li with jiang).in. or (richrd with kleijhorst).in. or (neil with pekrins).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:58

S40	29	S39 and (diamond with electrode or microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:58
¥1	230	S38 and (diamond with electrode or microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 17:02
350		WO2004/005585	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/13 11:20
351	2	("5777372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/13 15:02
352	1	"10567028"	US-PGPUB; USPAT; EPO; UPO; DERWENT	OR	ON	2011/07/13 15:13
53	2	("5777372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 12:23
554	0	WO2002077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
::::::::::::::::::::::::::::::::::::::	0	WO02077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
556	0	WO2002/02077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
557	0	JP3390756	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50

S58	1	JP2002286692	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50
S59	0	JP20010088314	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50
S60	2	("5,173,761").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 13:23
S61	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 13:33
S62	2	("5844252").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 14:20

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L36	5253	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	USPAT; UPAD	OR	ON	2011/08/22 18:48
_37	63	36 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/08/22 18:48
_38	329	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).clm.	USPAT; UPAD	OR	ON	2011/08/22 18:48
.39	5253	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	USPAT; UPAD	OR	ON	2011/08/22 18:48
.40	329	38 not "s26"	USPAT; UPAD	OR	ON	2011/08/22 18:49
.41	329	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).clm.	USPAT; UPAD	OR	ON	2011/08/22 18:49
.42	0	38 not L41	USPAT; UPAD	OR	ON	2011/08/22 18:49

L43	63	39 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/08/22 18:50
S33	5182	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	USPAT; UPAD	OR	ON	2010/12/13 19:17
534	59	S33 and (diamond with electrode)	USPAT; UPAD	OR	ON	2010/12/13 19:19
535	1	"10571219"	USPAT; UPAD	OR	ON	2010/12/13 19:24
536	317	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).clm.	USPAT; UPAD	OR	ON	2010/12/13 19:29
537	40	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2010/12/13 19:29
542	6049	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280,294.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	USPAT; UPAD	OR	ON	2011/04/20 16:50
543	42	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2011/04/20 16:50
544	42	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2011/04/20 16:51
345 345	0	S43 not S44	USPAT; UPAD	OR	ON	2011/04/20 16:51
546	82	S42 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/04/20 16:51
547	5215	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	USPAT; UPAD	OR	ON	2011/04/20 16:51
548	62	S47 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/04/20 16:51
549	20	S46 not S48	USPAT; UPAD	OR	ON	2011/04/20 16:51

## 8/22/2011 6:50:17 PM

 $\textbf{C:} \ \textbf{Documents and Settings} \ \textbf{JDIETERLE: My Documents} \ \textbf{EAST: Workspaces: 10567028c.wsp}$